

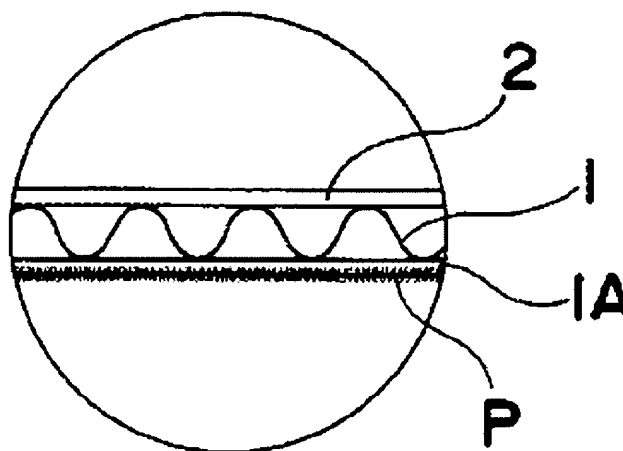
ANTIMICROBIAL-TREATED PAPER

Patent number: JP2001288697
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Inventor: MITANI SEIJI
Applicant: MARUZEN:KK
Classification:
- **international:** D21H21/36; B65D65/02; B65D81/20
- **european:**
Application number: JP20000097159 20000331
Priority number(s):

Abstract of JP2001288697

PROBLEM TO BE SOLVED: To provide an antimicrobial-treated paper having an extremely high safety, capable of maintaining excellent antibacterial and antifungal activities for a long period and capable of widely enhancing the antimicrobial activity of the antimicrobial-treated paper used in all of the fields such as in processed foods, clothes, medical materials, etc.

SOLUTION: This antimicrobial-treated paper is obtained by applying an aqueous solution of 5-10% antimicrobial agent P containing a hot water- extracted essence of a cereal, an alkyldimethylbenzalkonium chloride, lauryliminodipropionic acid and a polyoxypropylene glycol together with an acrylic binder on the surface of a paper material. Also, the antimicrobial agent P is applied on the surface of a coated cardboard paper or a chip cardboard paper.



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10. Processed antibacterial paper

CAS SECTION- 143

CAS SUBSECTION- 007

CAS 135-21 135-305424 135:305424 NDN- 213-0491-7938-9

INVENTOR(S)- Mitani, Kiyoshi

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PATENT ASSIGNEE(S)- Maruzen K. K.

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SUBFILE CODE- MAC

LANGUAGE- Japan

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NO-ABSTRACT

IDENTIFIER(S)- antibacterial agent cereal hot water extn; lauryliminodipropionic acid
polyoxypropylene glycol antibacterial paper; paper antibacterial agent alkyl dimethyl
benzalkonium chloride

CAS REGISTRY/EC NUMBER(S)- 17066-08-9 **HEADING PARENT- .beta.-Alanine --N-**
(2-carboxyethyl)-N-dodecyl-

CAS REGISTRY/EC NUMBER(S)- 25322-69-4 **HEADING PARENT- Polyoxy(methyl-**
1,2-ethanediyl)" --.alpha.-hydro-.omega.-hydroxy-